

09/936344

**ABSTRACT OF THE DISCLOSURE**

The present invention discloses a method for allocating real-time audio data from  $N$  audio channels in a system having a first processor and a second processor. The method comprises the steps of: (1) providing  $P$  memory banks where each memory bank is accessible to the first and second processors; and (2) storing  $P$  subsets of the audio data in  $P$  memory banks, respectively, where the  $P$  subsets correspond to  $P$  different groups of audio channels.

2000-01-01